



COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/080,507	02/22/2002	Jae Chang Jung	00939B-068710US

CONFIRMATION NO. 1185

20350  
TOWNSEND AND TOWNSEND AND CREW, LLP  
TWO EMBARCADERO CENTER  
EIGHTH FLOOR  
SAN FRANCISCO, CA 94111-3834

## FORMALITIES LETTER



\*OC000000007868999\*

Date Mailed: 04/15/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 870.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

07/22/2002 MBELETE1 00000022 201430 10080507

02 FC:101 740.00 CH  
03 FC:105 130.00 CH

Please type a plus sign (+) inside this box → ☒

PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 10/080,507

Filing Date February 22, 2002

First Named Inventor JUNG, Jae Chang

Group Art Unit 1752

Examiner Name

Total Number of Pages in This Submission

2

Attorney Docket Number 00939B-068710US

## ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☐ Fee Attached

☐ Amendment / Response

☐ After Final

☐ Affidavits/declaration(s)

☒ Extension of Time Request

☐ Express Abandonment Request

☒ Information Disclosure Statement

☒ Assignment Papers  
(for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition Routing Slip (PTO/SB/69)  
and Accompanying Petition

☐ Petition to Convert to a  
Provisional Application

☐ Power of Attorney, Revocation  
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s)

☐ After Allowance Communication to  
Group

☐ Appeal Communication to Board of  
Appeals and Interferences

☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s)  
(please identify below):

- 1) Transmittal Letter-Response to Missing Parts
- 2) Executed Declaration and Power of Attorney by Inventors Jae Chang JUNG, Keun Kyu KONG and Min Ho JUNG
- 3) Executed Declaration and Power of Attorney by Inventor Geun Su LEE
- 4) Executed Declaration and Power of Attorney by Inventor Ki Ho BAIK
- 5) Supplemental ADS
- 6) Assignment executed by Inventors Jae Chang JUNG and Keun Kyu KONG
- 7) Assignment executed by Inventor Min Ho JUNG
- 8) Assignment executed by Inventor Geun Su LEE
- 9) Assignment executed by Inventor Ki Ho BAIK
- 10) Recordation Form Cover Sheet
- 11) Form PTO/SB/08A and 2 cited references
- 12) Copy of Notice of Missing Parts
- 13) Return Postcard

☐ Certified Copy of Priority  
Document(s)

☒ Response to Missing Parts/  
Incomplete Application

☒ Response to Missing  
Parts under 37 CFR  
1.52 or 1.53

Remarks

The Commissioner is authorized to charge any additional fees to  
Deposit Account 20-1430.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
and  
Individual name

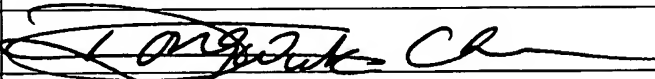
Townsend and Townsend and Crew LLP

Don D. Cha

Reg. No. 40,945

Signature

Date

  
15-July-02

# CERTIFICATE OF MAILING

Express Mail Label: EL 889369119 US

I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date **July 15, 2002** and is addressed to:

Attn: Box Missing Parts, Assistant Commissioner for Patents, Washington, D.C. 20231

Typed or printed name

Bonnie Rickles

Signature

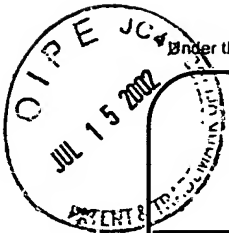
*Bonnie Rickles*

Date

July 15, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DE 7075938 v1



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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1020

Complete if Known

Application Number	10/080,507
Filing Date	February 22, 2002
First Named Inventor	JUNG, Jae Chang
Examiner Name	
Group Art Unit	1752
Attorney Docket No.	00939B-068710US

METHOD OF PAYMENT (check all that apply)  
☐ Check ☐ Credit Card ☐ MoneyOrder ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and  
Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$740)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 19 -20\*\* = 0 X \$18 = \$0  
Independent Claims 2 -3\*\* = 0 X \$84 = \$0  
Multiple Dependent X =

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	130
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	110
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$280)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Don D. Cha	Registration No. (Attorney/Agent)	40,945	Telephone	303-571-4000
Signature				Date	July 15, 2002

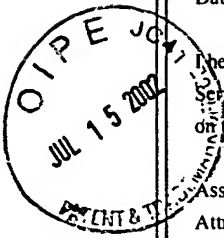
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. DE 7075935 v1

"Express Mail" Label No. EE 889369119 US

Date of Deposit July 15, 2001

PATENT  
Attorney Docket No.: 00939B-068710US  
Client Reference No.: 99-OPH-  
1750/CIP/EYL



I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Assistant Commissioner for Patents

Attn: Box Missing Parts

Washington, D.C. 20231

By: Bonnie Pickles

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Jae Chang JUNG et al.

Application No.: 10/080,507

Filed: February 22, 2002

For: CROSS-LINKING MONOMERS  
FOR PHOTORESIST, AND PROCESS  
FOR PREPARING PHOTORESIST  
POLYMERS USING THE SAME

Examiner:

Art Unit: 1752

TRANSMITTAL LETTER –  
RESPONSE TO NOTICE OF MISSING  
PARTS

Attn: Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to the Notice to File Missing Parts of Nonprovisional Application, dated April 15, 2002, enclosed are the following to be made of record in the above-identified application:

- 1) Executed Declaration and Power of Attorney by Inventors Jae Chang JUNG, Keun Kyu KONG and Min Ho JUNG
- 2) Executed Declaration and Power of Attorney by Inventor Geun Su LEE
- 3) Executed Declaration and Power of Attorney by Inventor Ki Ho BAIK
- 4) Supplemental ADS
- 5) Assignment executed by Inventors Jae Chang JUNG and Keun Kyu KONG
- 6) Assignment executed by Inventor Min Ho JUNG

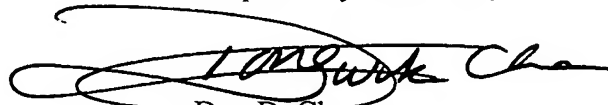
- 7) Assignment executed by Inventor Geun Su LEE
- 8) Assignment executed by Inventor Ki Ho BAIK
- 9) Recordation Form Cover Sheet
- 10) Information Disclosure Statement
- 11) Form PTO/SB/08A and 2 cited references
- 12) Petition for Extension of Time
- 13) Copy of Notice of Missing Parts

Please charge Deposit Account No. 20-1430 for the following fees:

Large Entity:	(a)	Filing Fee (§ 1.16(a)) (Large Entity)	\$740.00
	(b)	Excess Claims Fees (§ 1.16(b), (c)):	
		19 - 20 = 0                      x \$18.00 =	\$0.00
		2 - 3 = 0                        x \$84.00 =	\$0.00
	(c)	Missing Parts Surcharge	\$130.00
		<b>TOTAL FEES TO BE CHARGED</b>	<b>\$870.00</b>

The Commissioner is hereby authorized to charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to Deposit Account No. 20-1430. This Transmittal Letter is submitted in triplicate.

Respectfully submitted,

  
Don D. Cha  
Reg. No. 40,945

**Customer No. 20350**

TOWNSEND and TOWNSEND and CREW LLP  
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Fax: 303 571-4321  
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